

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/025733

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G05B23/02 G05B13/04 G05B17/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 602 761 A (SPOERRE JULIE K ET AL) 11 February 1997 (1997-02-11)	1-5, 8-14, 17-28, 31
Y	column 5, line 10 - column 12, line 23	6, 29
Y	US 5 548 528 A (HAVENER JOHN P ET AL) 20 August 1996 (1996-08-20) column 4, line 40 - column 5, line 10	6, 29
X	US 6 199 019 B1 (YUKITOMO MASANORI ET AL) 6 March 2001 (2001-03-06) column 8, line 63 - column 9, line 35	1
X	EP 1 298 511 A (RELIANCE ELECTRIC TECHNOLOGIES) 2 April 2003 (2003-04-02) paragraph '0040! - paragraph '0042! ----- -/--	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

24 January 2005

Date of mailing of the international search report

03/02/2005

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INTERNAT. IAL SEARCH REPORT

National Application No
PCT/US2004/025733

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/179050 A1 (PALLET TOBIAS JOHN ET AL) 5 December 2002 (2002-12-05) paragraph '0030! - paragraph '0032! -----	1